

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	32	(eric near dickey).in. or (tom near long).in. or (runar near olof near ivor near tornqvist).in.	US-PGPUB; USPAT	OR	ON	2007/05/29 11:16
S1	20	("4058430" "4389973" "4915476" "5091320" "5102694" "5164040" "5257132" "5321713" "5438952" "5458084" "5472505" "5711811" "5712528" "5724144" "5785756" "5804919" "5872655" "5916365" "0567794" "6449403").PN.	US-PGPUB; USPAT	OR	ON	2007/05/29 11:11
S2	1555	(monitor\$4 or detect\$4 or measure\$4) same ((atomic adj layer) or ald or ale or alcvd)	US-PGPUB; USPAT	OR	ON	2007/05/17 18:55
S3	645	(monitor\$4 or detect\$4 or measure\$4) same (atomic adj layer)	US-PGPUB; USPAT	OR	ON	2007/05/21 17:40
S4	208	S3 and @ad<"20010131"	US-PGPUB; USPAT	OR	ON	2007/05/17 18:39
S5	280	(monitor\$4 or detect\$4 or measure\$4) same (atomic adj layer adj (deposition or epitax\$3))	US-PGPUB; USPAT	OR	ON	2007/05/17 17:44
S6	12	S5 and @ad<"20010131"	US-PGPUB; USPAT	OR	ON	2007/05/17 18:56
S7	16	(monitor\$4 or detect\$4 or measure\$4) same (atomic adj layer adj (deposition or epitax\$3))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:10
S8	47	(monitor\$4 or detect\$4 or measure\$4) and (atomic adj layer adj (deposition or epitax\$3))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 17:45
S9	13	reflection adj high adj speed adj electron adj beam adj diffraction	US-PGPUB; USPAT	OR	ON	2007/05/17 18:41
S10	0	S7 and S9	US-PGPUB; USPAT	OR	ON	2007/05/17 18:41
S11	4665	(control\$4) same ((atomic adj layer) or ald or ale or alcvd)	US-PGPUB; USPAT	OR	ON	2007/05/17 18:55
S12	790	S2 and S11	US-PGPUB; USPAT	OR	ON	2007/05/17 18:56
S13	258	S12 and @ad<"20010131"	US-PGPUB; USPAT	OR	ON	2007/05/22 10:38
S14	69	S12 and @ad<"20010131" and deposit\$3	US-PGPUB; USPAT	OR	ON	2007/05/17 19:10
S15	1	"5330610".pn.	US-PGPUB; USPAT	OR	ON	2007/05/21 16:12
S16	1	"5164040".pn.	US-PGPUB; USPAT	OR	ON	2007/05/21 16:12

## EAST Search History

S17	32	("3005762"   "3839084"   "4058430"   "4218271"   "4449286"   "4767608").PN. OR ("5164040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 16:25
S18	12	S17 and pulse	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 16:25
S19	10	S17 and pulse and @ad<"20010131"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 16:31
S20	32	("3005762"   "3839084"   "4058430"   "4218271"   "4449286"   "4767608").PN. OR ("5164040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 16:30
S21	10	S20 and pulse and @ad<"20010131"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 16:32
S22	64	("4058430"   "4332833"   "4575462"   "4582431"   "4639377"   "4676646"   "4713140"   "4770895"   "4846920"   "4859627"   "4878755"   "4931132"   "5009485"   "5164040"   "5242530"   "5250148").PN. OR ("5330610").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 16:31
S23	9	S22 and pulse and @ad<"20010131"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 16:38
S24	9	((("5009485") or ("4931132")) or ("4332833") or ("4878755") or ("4846920") or ("4770895") or ("4713140") or ("4676646") or ("4582431")).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 16:39
S25	1	("20050087132").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 16:57
S26	340783	(monitor\$4 or detect\$4 or measure\$4) same (thick\$4 or deposit\$3)	US-PGPUB; USPAT	OR	ON	2007/05/21 17:58
S27	130413	S26 and optic\$3	US-PGPUB; USPAT	OR	ON	2007/05/21 17:44
S28	279	S27 and 118/712.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/21 17:44
S29	59325	S27 and @ad<"20010131"	US-PGPUB; USPAT	OR	ON	2007/05/21 17:45
S30	172	S28 and @ad<"20010131"	US-PGPUB; USPAT	OR	ON	2007/05/21 18:00
S31	268583	(monitor\$4 or detect\$4 or measure\$4) same thick\$4	US-PGPUB; USPAT	OR	ON	2007/05/21 18:30
S32	52849	deposit\$4 same (inside or (in adj side))	US-PGPUB; USPAT	OR	ON	2007/05/21 18:00
S33	3829	S31 and S32 and @ad<"20010131"	US-PGPUB; USPAT	OR	ON	2007/05/21 18:01

## EAST Search History

S34	64533	(monitor\$4 or detect\$4 or measure\$4) near3 thick\$4	US-PGPUB; USPAT	OR	ON	2007/05/21 18:00
S35	11472	deposit\$4 near3 (inside or (in adj side))	US-PGPUB; USPAT	OR	ON	2007/05/21 18:01
S36	251	S34 and S35 and @ad<"20010131"	US-PGPUB; USPAT	OR	ON	2007/05/21 18:13
S37	341	"4,915,476" "5,102,694" "5,164,040" "5,458,084" "5,472,505" "5,724,144" "5,916,365"	US-PGPUB; USPAT	OR	ON	2007/05/21 18:14
S38	7	((("4,915,476") or ("5,102,694") or ("5,164,040") or ("5,458,084") or ("5,472,505") or ("5,724,144") or ("5,916,365"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 18:14
S39	28	("3804532"   "4498772"   "4555767"   "4618261"   "4660979"   "4773760"   "4908508"   "4984894"   "5046849"   "5081796"   "5100233"   "5220405"   "5240552").PN. OR ("5724144").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 18:22
S40	69576	(monitor\$4 or detect\$4 or measure\$4) same thick\$4	EPO; JPO; DERWENT	OR	ON	2007/05/21 18:30
S41	4304	(monitor\$4 or detect\$4 or measure\$4) same (backside or (back adj side))	EPO; JPO; DERWENT	OR	ON	2007/05/22 08:48
S42	69576	S40 and S40	EPO; JPO; DERWENT	OR	ON	2007/05/21 18:31
S43	254	S40 and S41	EPO; JPO; DERWENT	OR	ON	2007/05/21 18:31
S44	209	(monitor\$4 or detect\$4 or measure\$4) near (backside or (back adj side))	EPO; JPO; DERWENT	OR	ON	2007/05/22 10:37
S45	810	(monitor\$4 or detect\$4 or measure\$4) near (backside or (back adj side))	US-PGPUB; USPAT	OR	ON	2007/05/22 10:43
S46	1051	(156/345.24-345.28).ccls.	US-PGPUB; USPAT	OR	ON	2007/05/22 10:38
S47	2	S45 and S46 and @ad<"20010131"	US-PGPUB; USPAT	OR	ON	2007/05/22 13:43
S48	4904	(monitor\$4 or detect\$4 or measure\$4) near7 (backside or (back adj side))	US-PGPUB; USPAT	OR	ON	2007/05/22 10:43
S49	12	S48 and S46 and @ad<"20010131"	US-PGPUB; USPAT	OR	ON	2007/05/22 10:44
S50	4575	(monitor\$4 or detect\$4 or measure\$4) near window	EPO; JPO; DERWENT	OR	ON	2007/05/22 10:50
S51	30882	(monitor\$4 or detect\$4 or measure\$4) near5 thickness	EPO; JPO; DERWENT	OR	ON	2007/05/22 11:04
S52	53	S50 and S51	EPO; JPO; DERWENT	OR	ON	2007/05/22 10:51

## EAST Search History

S53	126542	(monitor\$4 or detect\$4 or measure\$4) same window	US-PGPUB; USPAT	OR	ON	2007/05/22 11:06
S54	80605	(thickness or layer or deposit\$4) same window	US-PGPUB; USPAT	OR	ON	2007/05/22 11:06
S55	19321	S53 and S54	US-PGPUB; USPAT	OR	ON	2007/05/22 11:05
S56	36087	(monitor\$4 or detect\$4 or measure\$4) same window	EPO; JPO; DERWENT	OR	ON	2007/05/22 11:36
S57	34435	(thickness or layer or deposit\$4) same window	EPO; JPO; DERWENT	OR	ON	2007/05/22 11:07
S58	2482	S56 and S57	EPO; JPO; DERWENT	OR	ON	2007/05/22 11:06
S59	9941	(thickness or layer or deposit\$4) near3 window	EPO; JPO; DERWENT	OR	ON	2007/05/22 11:07
S60	10909	(monitor\$4 or detect\$4 or measure\$4) near3 window	EPO; JPO; DERWENT	OR	ON	2007/05/22 11:07
S61	181	S59 and S60	EPO; JPO; DERWENT	OR	ON	2007/05/22 11:07
S62	2263	(monitor\$4 or detect\$4 or measure\$4) same window same (thickness or layer or folm or deposit\$4)	EPO; JPO; DERWENT	OR	ON	2007/05/22 11:36
S63	429	(monitor\$4 or detect\$4 or measure\$4) near7 window near7 (thickness or layer or folm or deposit\$4)	EPO; JPO; DERWENT	OR	ON	2007/05/22 11:46
S64	1	"6750977".pn.	US-PGPUB; USPAT	OR	ON	2007/05/22 11:47
S65	8	("5536359"   "5843232"   "5897378"   "5985032"   "6124927").PN. OR ("6750977").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/22 13:29
S66	1	"20050087132"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/22 13:41
S67	17525	(ald or (atomic adj layer) or ale) same rotat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/22 15:47
S68	72851	"118"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/22 13:43
S69	282	S67 and S68	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/22 13:43
S70	19	S69 and @ad<"20010131"	US-PGPUB; USPAT	OR	ON	2007/05/22 15:49
S71	4	S70 and planetary	US-PGPUB; USPAT	OR	ON	2007/05/22 13:59

## EAST Search History

S72	1	"4058430".pn.	US-PGPUB; USPAT	OR	ON	2007/05/22 13:59
S73	86120	(ald or (atomic adj layer) or ale)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/22 15:47
S74	6308	(applied adj materials).as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/22 15:48
S75	374	S73 and S74	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/22 15:48
S76	349	S73 and S74 and (computer or control\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/22 15:49
S77	15	S76 and @ad<"20010131"	US-PGPUB; USPAT	OR	ON	2007/05/22 16:06
S78	3	S77 and pulse	US-PGPUB; USPAT	OR	ON	2007/05/22 16:27
S79	2	S77 and pulse and program	US-PGPUB; USPAT	OR	ON	2007/05/22 16:07
S80	1	"5858102".pn.	US-PGPUB; USPAT	OR	ON	2007/05/26 12:13
S81	1	"20050087132"	US-PGPUB; USPAT	OR	ON	2007/05/26 19:01
S82	1	"5330610".pn.	US-PGPUB; USPAT	OR	ON	2007/05/26 18:21
S83	1	"5330610".pn.	US-PGPUB; USPAT	OR	ON	2007/05/26 19:01
S84	1	"6620723".pn.	US-PGPUB; USPAT	OR	ON	2007/05/26 20:28
S85	1	"5552327".pn.	US-PGPUB; USPAT	OR	ON	2007/05/26 20:28
S86	25	("4058430" "4389973" "4915476" "5091320" "5102694" "5164040" "5257132" "5321713" "5330610" "5438952" "5458084" "5472505" "5552327" "5711811" "5712528" "5724144" "5785756" "5804919" "5858102" "5872655" "5916365" "5985032" "0567794" "6449403" "6620723").PN.	US-PGPUB; USPAT	OR	ON	2007/05/28 20:52